

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE February 15, 1978

Operator El Paso Natural Gas Company		Lease Warren #2-A	
Location SE 12-28-09		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 4836'	Tubing: Diameter 2 3/8	Set At: Feet 4771'
Pay Zone: From 3740	To 4772'	Total Depth: 4836'	Shut In 2-7-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 720	+ 12 = PSIA 732	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 440	+ 12 = PSIA 452	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F <sub>pv</sub> (From Tables)	Gravity F <sub>g</sub> =	

CHOKE VOLUME = Q = C x P<sub>i</sub> x F<sub>t</sub> x F<sub>g</sub> x F<sub>pv</sub>

Q = \_\_\_\_\_ MCF/D

OPEN FLOW = Aof = Q  $\left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$

Aof =  $\left( \frac{\quad}{\quad} \right)^n =$

Aof = \_\_\_\_\_ MCF/D



TESTED BY J. Easley

WITNESSED BY

*[Signature]*  
Well Test Engineer